

(19) World Intellectual Property  
Organization  
International Bureau



FOR FURTHER INFORMATION ON THIS APPLICATION, SEE THE PCT PUBLICATION OF THIS APPLICATION, WHICH IS AVAILABLE FROM THE PCT INFORMATION SERVICE (PCT-INT) OR FROM THE PCT INFORMATION SERVICE (PCT-INT) OR FROM THE PCT INFORMATION SERVICE (PCT-INT)

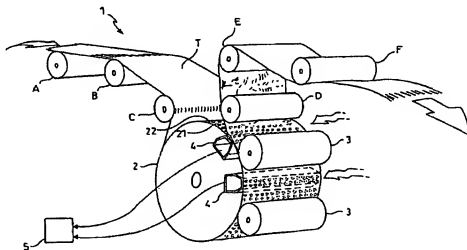
(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
WO 2005/075199 A1

- (51) International Patent Classification<sup>7</sup>: B41F 17/00 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VZ, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IT2004/000127
- (22) International Filing Date: 16 March 2004 (16.03.2004)
- (25) Filing Language: Italian
- (26) Publication Language: English
- (30) Priority Data:  
PCT/IT2004/000042  
6 February 2004 (06.02.2004) IT
- (71) Applicant (for all designated States except US): ORLANDI S.p.A. (IT/IT); Via Gesù, 21, I-20121 Milano (IT).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): ORLANDI, Vittorio (IT/IT); c/o Orlandi S.p.A., Via Gesù, 21, I-20121 Milano (IT).
- (74) Agents: GIUGNI, Diego et al.; Jacobacci & Partners S.p.A., Via Senalo, 8, I-20121 Milano (IT).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TO).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS AND EQUIPMENT FOR PRINTING ON NON-WOVEN-FABRIC



(57) Abstract: The present invention relates to a process and equipment (1) for creating prints on non-woven-fabric and, particularly, relates to a process and to equipment (1) which allows the creation of colour prints on non-woven fabrics at high speed whilst at the same time maintaining optimal print quality on wet or dry product, either in-line with production or off-line. The NWF may be printed over only a small percentage with respect to its surface (2-3%) up to a coverage of 100% of its surface, depending on the use of the NWF itself, i.e.: personal hygiene, domestic hygiene, matting, non-woven fabric for clothing, table-cloths, handkerchiefs, curtains (furnishings), bags, containers for items.